

Notice of Allowability

Application No.

10/618,783

Examiner

Robert B. Davis

Applicant(s)

HALL, GREGORY T.

Art Unit

1722

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed Oct. 21, 2005.
2. ☒ The allowed claim(s) is/are 2-10 and 12-21 (renumbered as 2-4, 1, 5-9, 11-13, 10 and 14-19, respectively).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 10262005.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

EXAMINER'S AMENDMENT

1. Authorization for this examiner's amendment was given in a telephone interview with Eric J. Sosenko on 10/26/05.
2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

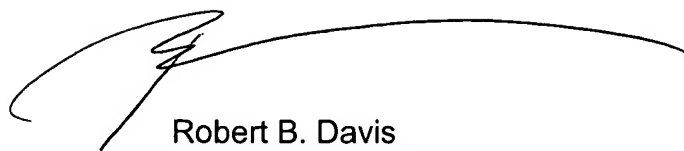
The previous listing of the claims has been replaced by the attached claims.

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert B. Davis whose telephone number is 571-272-1129. The examiner can normally be reached on Monday-Friday 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duane Smith can be reached on 571-272-1166. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Art Unit: 1722

A handwritten signature in black ink, appearing to be 'R. B. Davis', with a long horizontal flourish extending to the right.

Robert B. Davis
Primary Examiner
Art Unit 1722

10/26/05

Listing of claims

1. Canceled

2. (Previously Presented) The molding machine according to claim 5, wherein the release member is movable between a retracted and an extended position, during movement into the retracted position the release member causes the locking member to disengage from the retention member.

3. (Previously Presented) The molding machine according to claim 5, wherein the release member is movable between a retracted position and an extended position, during movement into the extended position the release member causes the locking member to disengage from the retention member.

4. (Original) The molding machine according to claim 3, wherein the release member is threaded.

5. (Previously Presented) A molding machine for blow molding a plastic article comprising:

a frame;

a mold supported by the frame, the mold having a first mold half and a second mold half, both of the mold halves including surfaces cooperating to form a cavity in the shape of the plastic article;

a mold insert located in at least one of the mold halves, the mold insert including a body having a surface that defines a portion of the cavity, the mold insert further including a retention member received interiorly in the one of the mold halves;

a locking member supported by the one of the mold halves, the locking member located so as to be engageable with the retention member when the body is received within the one of the mold halves, the locking member including a spring biasing the locking member toward engagement with the retention member; and

a release member supported by the one of the mold halves, the release member being accessible from an exterior of the one of the mold halves without removal of the one of the mold halves from the molding machine and adapted to disengage the locking member from the retention member whereby the mold insert is removable from the one of the mold halves.

6. (Previously Presented) The molding machine according to claim 5, wherein the locking member engages a recess in the retention member.

7. (Previously Presented) A molding machine for blow molding a plastic article comprising:

a frame;

a mold supported by the frame, the mold having a first mold half and a second mold half, both of the mold halves including surfaces cooperating to form a cavity in the shape of the plastic article;

a mold insert located in at least one of the mold halves, the mold insert including a body having a surface that defines a portion of the cavity, the mold insert further including a retention member received interiorly in the one of the mold halves;

a locking member supported by one of the mold halves, the locking member located so as to be engageable with the retention member when the body is received

Art Unit: 1722

within the one of the mold halves, the locking member engaging a recess in the retention member and the recess being a circumferential groove around the retention member; and

a release member supported by the one of the mold halves, the release member being accessible from an exterior of the one of the mold halves without removal of the one of the mold halves from the molding machine and adapted to disengage the locking member from the retention member whereby the mold insert is removable from the one of the mold halves.

8. (Previously Presented) The molding machine according to claim 5, wherein the release member applies force directly to the locking member causing it to disengage from the retention member.

9. (Original) The molding machine according to claim 8, wherein the release member is coupled to the locking member.

10. (Previously Presented) The molding machine according to claim 5, further comprising a biasing member located within the one of the mold halves and adapted to bias the body away from the one of the mold halves when the locking member is disengaged from the retention member.

11. (Canceled)

12. (Previously Presented) The mold assembly according to claim 15, wherein the release member is moveable between a retracted position and an extended position during movement into the retracted position the release member causes the locking member to disengage from the retention member.

Art Unit: 1722

13. (Previously Presented) The mold assembly according to claim 15, wherein the release member is movable between a retracted position and an extended position, during movement into the extended position the release member causes the locking member to disengage from the retention member.

14. (Original) The mold assembly according to claim 13, wherein the release member is threaded.

15. (Previously Presented) A mold assembly for blow molding a plastic article, comprising:

- a mold having a first mold half and a second mold half, both of the mold halves including surfaces cooperating to form a cavity in the shape of the plastic article;

- a mold insert located in at least one of the mold halves, the mold insert including a body having a surface that defines a portion of the cavity, the mold insert further including a retention member received interiorly in the one of the mold halves;

- a locking member supported by the one of the mold halves, the locking member located so as to be engageable with the retention member when the body is received within the one of the mold halves, the locking member including a spring biasing the locking member toward engagement with the retention member;

and

- a release member supported by the one of the mold halves, the release member being accessible from an exterior of the one of the mold halves without disassembly of the one of the mold halves and adapted to disengage the locking member from the

Art Unit: 1722

retention member whereby the mold insert is removable from the one of the mold halves.

16. (Previously Presented) The mold assembly according to claim 15, wherein the locking member engages with a recess in the retention member.

17. (Original) The mold assembly according to claim 16, wherein the retaining member is generally cylindrical and the recess is a circumferential groove around the retention member.

18. (Previously Presented) The mold assembly according to claim 15, wherein the release member applies force directly to the locking member causing it to disengage from the retention member.

19. (Original) The mold assembly according to claim 18, wherein the release member is coupled to the locking member.

20. (Previously Presented) The mold assembly according to claim 15, further comprising a biasing member located within the one of the mold halves and adapted to bias the body away from the one of the mold halves when the locking member is disengaged from the retention member.

21. (Currently Amended): A molding machine incorporating the mold assembly of claim 15.